



PATENT
Attorney Docket No. ICE-019CP3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Saed
SERIAL NO.: 10/641,373 GROUP NO.: Not yet assigned
FILED: 08/13/2003 EXAMINER: Not yet assigned
TITLE: ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM
WITH GAIN, PHASE, AND DELAY ADJUSTMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
REVOCATION OF PRIOR POWERS AND NEW POWER OF ATTORNEY

Sir:

As assignee of record of the entire right, title and interest of the above-identified patent application, all powers of attorney previously given are hereby revoked, and the following attorneys and/or agents are hereby appointed to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith.

Andrew F. Abramson	Reg. No. 52,538
Steven M. Bauer	Reg. No. 31,481
Mark L. Beloborodov	Reg. No. 50,773
Robert S. Blasi	Reg. No. 50,389
Michael H. Brodowski	Reg. No. 41,640
Jennifer A. Camacho	Reg. No. 43,526
Joseph A. Capraro, Jr.	Reg. No. 36,471
Fangli Chen	Reg. No. 51,551
Christopher H. Chung	Reg. No. 50,351
John J. Cotter	Reg. No. 38,116
James C. De Vellis	Reg. No. 52,814
Robert V. Donahoe	Reg. No. 46,667
Brian A. Fairchild	Reg. No. 48,645
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Jason P. Fiorillo	Reg. No. 52,892
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Ira Heffan	Reg. No. 41,059

Douglas J. Kline	Reg. No. 35,574
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Natasha C. Us	Reg. No. 44,381
Christine C. Vito	Reg. No. 39,061
Daniel A. Wilson	Reg. No. 45,508
Gerald E. Worth	Reg. No. 45,238

Assignee also hereby grants additional Powers of Attorney to the attorneys and/or agents named above to file and prosecute foreign national patent applications in any and all countries of the world, a regional patent application under the European Patent Convention and/or an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

All future correspondence should be sent to:

Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

PLEASE ASSIGN PTO CUSTOMER NUMBER 021323 TO THIS APPLICATION

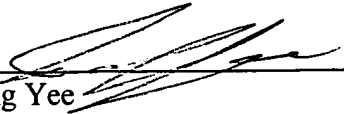
The assignee of record of the entire right, title and interest of the above-identified application is:

IceFyre Semiconductor Corporation
300 - 411 Leggett Drive
Kanata, Ontario
Canada K2K 3C9

- ☐ Recorded in PTO on
Reel No.:
Frame No.:
☒ Submitted herewith

Respectfully submitted,

Dated: NOV 27, 2002


Jung Yee
Chief Technology Officer
IceFyre Semiconductor Corporation
300 - 411 Leggett Drive
Kanata, Ontario
Canada K2K 3C9

41817-0046

ASSIGNMENT

THIS ASSIGNMENT, made by **Aryan Saed** (hereinafter referred to as the assignor) whose post office address is, 812-265 Poulin Avenue, Ottawa, Ontario, K2B 7Y8, Canada

WHEREAS, the said assignor is the inventor of the invention entitled **ADAPTIVE PREDISTORTION FOR A TRANSMIT SYSTEM WITH GAIN, PHASE AND DELAY ADJUSTMENTS**, which is a continuation in part of US Serial No. 10/613,856 filed July 3, 2003 and holds the right to file patent application(s) therefor and to obtain patent(s) thereon, which invention is the subject of a U.S. patent application the declaration for which has been executed by the assignor on the date of his/her execution of this Assignment;

WHEREAS, **IceFyre Semiconductor Corporation**, a corporation duly organized under and pursuant to the laws of Canada, having its principal place of business at Suite 300, 411 Legget Drive, Kanata, Ontario, K2K 3C9, Canada, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said invention, said patent applications and the patents to issue therefrom and all other patent applications which may have been or may be filed in any country;

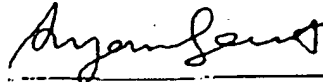
NOW THEREFORE, in consideration of ten dollars (\$10.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignor has sold, assigned, transferred and set over, and by these presents sells, assigns, transfers and sets over unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and application for Patent and any and all corresponding applications and patents in the United States of America, Canada and any and all other countries, which have been or may be filed and/or granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, reissues and extensions of Patent, and all rights under any International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for itself and its successors, legal representatives and assigns, to the full end of the term or terms for which Patent(s) may be or may have been granted.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and deliver of these presents, the said assignor is an inventor of the said invention;

AND for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successors, legal representatives and assigns that the said assignor will, whenever counsel for the said assignee, or the counsel for its successors, legal representatives and assigns shall advise that any proceeding in connection with the said invention, or said applications for Patent(s) or any proceeding in connection with Patent(s) for said invention in any country, including interference or conflict proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent(s) or any reissue or extension of any Patent(s) to be obtained thereon, is lawful and desirable, sign any and all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defence of Patent(s) or for the said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

The undersigned assignor, and the assignee hereto, hereby authorize the firm of **Cassan Maclean** whose full office address is 401-80 Aberdeen Street, Ottawa, Ontario, Canada K1S 5R5, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Office.

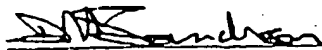
SIGNED at Ottawa, Ontario, this 13 day of August, 2003.



Aryan Saed

STATEMENT OF WITNESS

I, D M SANDERSON, whose full post office address is 17 CROMBIE
GEORG, DUNROBIN, ON, CANADA
was personally present and did see Aryan Saed, who is known to me, execute the above assignment.



(signature of witness)



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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 9th day of December, 2003.



Nicole Deane

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1.) Transmittal Form (1 pg.);
- 2.) Executed Power of Attorney by Assignee of Entire Interest Revocation of Prior Powers and New Power of Attorney (3 pgs.);
- 3.) Assignment (2 pgs.); and
- 4.) Return Receipt Postcard.